



# South Carolina

## Weekly Weather and Crop Progress Report

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**Issue:** SC-CW004613  
**Released:** November 18, 2013 , after 4 pm  
**Week Ending:** November 17, 2013  
**Cooperating Agencies:**  
Clemson University  
South Carolina State University  
SC State Climatology Office  
Farm Service Agency



### GENERAL

The week was filled with mostly sunny days and continuing dry weather, which kept conditions favorable for fieldwork. A cold front moved in on Tuesday, producing only a dusting of a wintery mix at various locations around the state. Temperatures across the state ranged from 16 degrees on Tuesday to 80 degrees on Saturday. The average temperature for the week was 4 degrees below the long-term average, with 0.2 inches of rain reported. Soil moisture ratings were reported at 11% very short, 47% short, and 42% adequate. There was a statewide average of 6.3 days suitable for fieldwork across South Carolina.

### FIELD CROPS

**COTTON** bolls were 100% open and by the end of week, 61% of the crop was harvested, still lagging behind last year and the five-year average, which were 72% and 76% harvested, respectively. **PEANUT** harvest was complete. The **SOYBEAN** crop had completely turned color with 92% having dropped leaves. Eighty-seven percent of the crop had matured and harvest was 42% complete, well behind last year's 56% harvested and the five-year average of 46%. The overall condition of the crop was 1% very poor, 14% poor, 44% fair, 37% good, and 4% excellent. **WINTER GRAZINGS** planting was 86% complete and 70% of the crop had emerged. **WINTER WHEAT** seeding was 50% complete, slightly ahead of last year and the five-year average, which were 48% and 45%, respectively. By the end of the week, 20% of the crop had emerged. **OAT** planting was 51% complete and 34% of the crop had emerged.

### OTHER ITEMS OF INTEREST

**LIVESTOCK** conditions were 1% poor, 25% fair, 72% good, and 2% excellent. **PASTURE** conditions were 1% poor, 32% fair, 66% good, and 1% excellent.

**Crop Progress for Week Ending November 17, 2013**

Crop and Stage	2013	2012	5-Yr Avg	Crop and Stage	2013	2012	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cotton, Bolls Opened	100	100	100	Soybeans, Mature	87	94	87
Cotton, Harvested	61	72	76	Soybeans, Harvested	42	56	46
Oats, Planted	51	59	62	Winter Grazings, Planted	86	83	89
Oats, Emerged	34	41	45	Winter Grazings, Emerged	70	64	75
Peanuts, Harvested	100	98	97	Winter Wheat, Planted	50	48	45
Soybeans, Turned Color	100	100	100	Winter Wheat, Emerged	20	22	26
Soybeans, Leaves Dropped	92	98	96				

**Condition for Week Ending November 17, 2013**

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Livestock	0	1	25	72	2	Soybeans	1	14	44	37	4
Oats	0	0	61	39	0	Winter Grazings	0	4	50	46	0
Pasture	0	1	32	66	1	Winter Wheat	0	0	29	71	0

## South Carolina Weekly Weather Summary for the Week Ending November 17, 2013

Holly Hill and Florence reached 65 degrees on Monday. Hartsville began Tuesday morning at 32 degrees. A rapidly moving cold front brought rare, wintry precipitation during the evening hours on Tuesday. Freezing air, funneling southeast, produced snow showers from York County south, through the Midlands and east into Horry County. North winds at the Charleston AP gusted to 47 mph. This was the state's earliest observed and measurable snow since November 12, 1968. On Wednesday morning, Lancaster, Edgemoor and McBee had each received one-half inch of white powder that coated elevated surfaces. Winnsboro and Chesterfield reported a "dusting." The McEntire ANG AP Tuesday high temperature of 72 degrees fell 44 degrees overnight to a sunrise temperature of 28 degrees. Clinton reported a 19-degree minimum on Wednesday morning. Arctic-sourced high pressure pushed the Greenwood Municipal AP barometric pressure sensor to a 9:56 a.m. value of 30.58 inches of mercury. Just before midnight, the Florence AP temperature moved to a date-record 25 degrees and the same occurred at N Myrtle Beach when the temperature fell to 27 degrees. More date-record cold was observed on Thursday morning. Columbia Metro AP recorded 23 degrees making that value the coldest November morning since 2008. The 22 degrees at Florence Regional AP also set a date-record and was the coldest temperature for so early in November since 1967. Rock Hill reported 22 degrees, Lake City was 23 degrees and a hard freeze was observed in Orangeburg with 25 degrees. The Beaufort Marine Corps Air Station recorded their first season's freeze at 32 degrees. At 4:00 p.m., a relative humidity value of just 19 percent was noted at Anderson, Sumter and Florence. A layer of clouds eased into the state on Friday. Afternoon temperatures of 62 degrees were reported for Johnston and Walterboro. Disorganized showers left light amounts of rain from the mountains to the beaches. Long Creek measured 0.22 inches while Newberry and Edisto Beach received 0.12 inches. Warming sunshine on Saturday helped Orangeburg and Kingstree reach 77 degrees. Dense fog on Sunday morning reduced visibilities to one-eighth of a mile at Columbia Metro AP. Mostly cloudy skies, mild temperatures and areas of moderate to light rain ended a full week of multi-seasonal weather. The state average temperature for the seven-day period was four degrees below the long-term average.

The highest official temperature reported was 80 degrees at Pinopolis on November 16. The lowest official temperature reported was 16 degrees at Pelion on November 14. The heaviest official 24-hour rainfall reported was 0.67 inches at Greenville Downtown AP on November 17. The state average rainfall for the seven-day period was 0.2 inches.

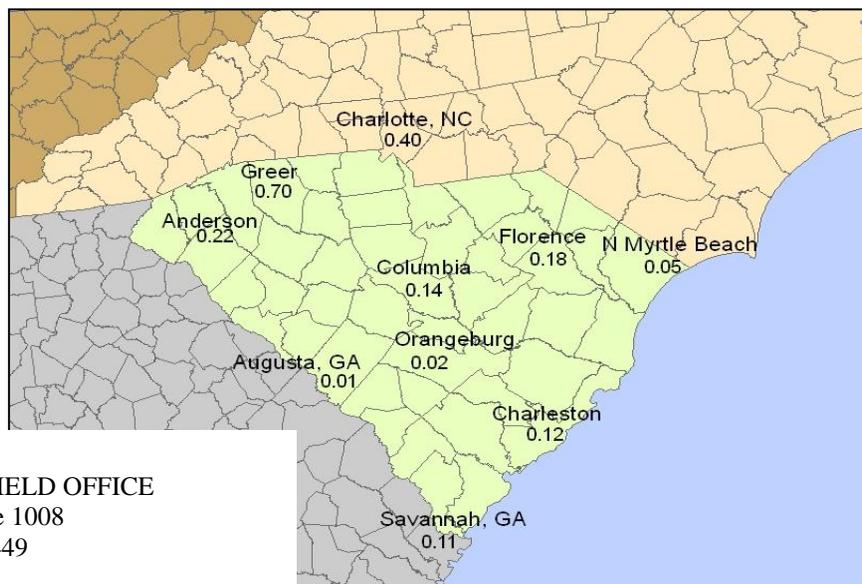
SOIL: 4-inch depth soil temperature: Columbia 62 degrees, Charleston 66 degrees.

RIVERS AND SURF: South Carolina river stages were near to below normal. The Ocean water temperature at Springmaid Pier Myrtle Beach (last reported on Nov 16) was 59 degrees.

### Precipitation

Location	Total for Week	Total for 2013	Deviation from Average
Anderson AP	0.22	56.62	18.1
Greer AP	0.70	59.59	18.3
Charlotte, NC AP	0.40	39.77	2.8
Columbia Metro AP	0.14	48.82	8.7
Orangeburg AP	0.02	50.13	8.0
Augusta, GA Bush AP	0.01	47.72	8.9
Florence AP	0.18	48.96	10.3
N Myrtle Beach AP	0.05	45.05	-2.2
Charleston AP	0.12	53.77	6.9
Savannah, GA AP	0.11	50.34	6.4

Weekly rainfall totals this period ending midnight Sunday.



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